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03-05-1999

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02/19/99

Case Docket No. MUR-0

RECORDS

100976561

PATENTS

DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks.
Please record the attached original documents or copy thereof.

1. Name of conveying parties:

Tatsuo UCHIYAMA and Wan JIANG

Additional name(s) of conveying party(ies) attached? Yes ___ No XX

2. Name and address of receiving party:

Name: KARUSHITA KAISHA RIKEN

Internal Address:

Street Address: 13-5 Kudan-kita 1-chome, Chiyoda-ku, Tokyo 102-0073,
Japan

Additional name(s) & address(es) attached? Yes ___ No XX

3. Nature of conveyance:

XX Assignment

___ Merger

___ Security Agreement

___ Change of Name

___ Other: ___

Execution Date: February 16, 1999

4. Title:

MOLYBDENUM DISILICIDE HEATING ELEMENT AND ITS PRODUCTION METHOD

5. Application number(s) or patent number(s):

(03/02/1999) 03-05-1999 is being filed together with a new application, the
execution date of the application is: February 16, 1999

A. Patent Application No. (s)

B. Patent No. (s)

Additional numbers attached? Yes ___ No XX

PATENT
REEL: 9792 FRAME: 0583

Case Docket No. MUR-018

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

RECORDATION FORM COVER SHEET
PATENTS ONLY

6. Name and address of party to whom correspondence concerning document should be mailed:

Name: KUBOVCIK & KUBOVCIK
The Farragut Building
Suite 710
900 17th Street, N.W.
Washington, D.C. 20006

7. Total number of applications and patents involved:

1

8. Total fee (37 CFR 3.41) \$ 40.00

☒ Enclosed

☐ Authorized to be charged to Deposit Account

9. Deposit Account No.: 111833

10. In the event any additional fees are required, please charge our
Deposit Account No.: 111833.

11. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Keiko Tanaka Kubovcik
Name of Person Signing

Keiko
Signature

February 19, 1999
Date

40,428
Registration Number

Total number of pages, including
cover sheet, attachments, and document:

3

Atty. Docket No. MUR-018

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

(Insert ASSIGNEE's
Name(s) Address(es))

Kabushiki Kaisha Riken

13-5, Kudan-kita 1-chome, Chiyoda-ku, Tokyo 102-0073 Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

Molybdenum Disilicide Heating Element and Its Production Method

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

(*If the assignment is
being filed after the filing
of the application, this
section must be
completed)

*filed on _____, Serial No. _____

(Kubovcik & Kubovcik is hereby authorized to insert the series code, serial number and/or filing date, when known)

and to all Letters Patent of the United States to be obtained thereof on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with this application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

Tetsuo Uchiyama
(SIGNATURE)

Tetsuo Uchiyama
(TYPE NAME)

Feb. 16, 1999
(DATE)

Wan Jiang
(SIGNATURE)

Wan Jiang
(TYPE NAME)

Feb. 16, 1999
(DATE)

(SIGNATURE)

(TYPE NAME)

(DATE)

(SIGNATURE)

(TYPE NAME)

(DATE)

(SIGNATURE)

(TYPE NAME)

(DATE)

NO LEGALIZATION REQUIRED

RECORDED: 02/19/1999

PATENT
REEL: 9792 FRAME: 0085